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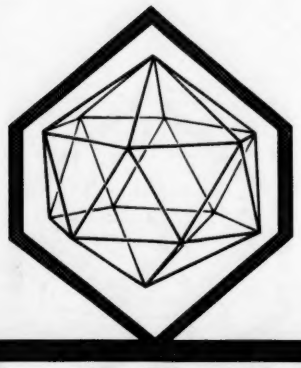

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J. A. Bandy, H. E. Bunting, M.-H. Garcia, **M. L. H Green,** S. R. Marder, M. E. Thompson, D. Bloor, P. V. Kolinsky, R. J. Jones and J. W. Perry 1429 Second-order non-linear optical properties of diironalkenylidyne complexes; crystal structure of $\{(\eta\text{-}C_5H_5)_2Fe_2(CO)_2(\mu\text{-}CO)(\mu\text{-}(E)\text{—}C\text{—}CH{=}CH\text{—}C_6H_4\text{—}(p)\text{-}NMe)_2\}^+BF_4^-$

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J. Costa Pessoa, J. L. Antunes, L. F. Vilas Boas and **R. D. Gillard** 1449 Oxovanadium(IV) and amino acids—V. The system L-glutamic acid + VO^{2+}; a potentiometric and spectroscopic study

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S. P. Perlepes, J. C. Huffman and **G. Christou** 1471 Preparation and characterization of dinuclear copper(II) complexes containing the $[Cu_2(\mu\text{-}OAc)_2]^{2+}$ core

A. Carvalho, **Â. Domingos,** P. Gaspar, N. Marques, A. Pires de Matos and I. Santos 1481 Dihydrobis(3,5-dimethylpyrazolyl)borate derivatives of *f* elements

H. E. Bunting, **M. L. H. Green,** S. R. Marder, M. E. Thompson, D. Bloor, P. V. Kolinsky and R. J. Jones 1489 The synthesis of ferrocenyl compounds with second-order optical non-linearities

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P. Dahlke, J. C. Jeffery, M. D. Mortimer and **F. G. A. Stone**	1587	Reactions of the molybdenum alkylidyne complex [NEt$_4$][Mo(≡CC$_6$H$_4$Me-4)(CO)$_2$(η^5-C$_2$B$_9$H$_9$Me$_2$)] with trimethylphosphine and with 1,2-bis(diphenylphosphino)ethane; crystal structure of the complex [Mo(≡CC$_6$H$_4$Me-4)(CO)(dppe){Ph$_2$P(CH$_2$)$_2$PPh$_2$O}][C$_2$B$_9$H$_{10}$Me$_2$]
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H.-J. Pietzsch, **H. Spies,** P. Leibnitz, G. Reck, J. Beger and R. Jacobi 1623 Technetium complexes with thioether ligands — I. Cationic technetium(III) complexes containing tetradentate thioether/monothiole ligands; X-ray structure analysis of bis(benzenethiolato)(5,8,11,14-tetrathiaoctadecane)technetium(III)hexafluorophosphate

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T. M. Santos, **J. Pedrosa de Jesus** and **P. O'Brien** 1687 Solution studies of some chromium(III) complexes with Cr—S bonds — 2. Kinetic and equilibrium studies of cysteinato- and penicillaminato-chromate(III) complexes

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W. S. Rees Jr, D. M. Green and W. Hesse 1697 Synthesis and X-ray diffraction crystal structure of Zn{N[C$(CH_3)_3$)(Si$(CH_3)_3$)]}$_2$. The first solid-state characterization of a homoleptic zinc amide

E. F. C. Alcântara, **C. Airoldi,** O. Nakamura, H. Vargas and F. Paixão 1701 Photoacoustic spectroscopy of a diacetamide copper complex immobilized on silica gel

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S. Cotton 1705 Gmelin Handbook of Inorganic Chemistry, 8th Edition. Polonium Supplement Volume 1. By K. W. Bagnall, K. Grudpan, S. Möbius, H. Münzel, A. Seidel and W. Töpper. Edited by K.-C. Buschbeck and C. Keller

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B. L. Khandelwal and K. Uppal 1755 Synthesis and spectral studies on some arylchalcogen/chloro/telluroamine bridged heterobimetallic complexes of d^8 ions

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P. N. W. Baxter, **J. A. Connor,** J. D. Wallis, D. C. Povey and A. K. Powell 1771 Crystal and molecular structures of tetracarbonyl(3,3'-dimethyl-2,2′-bipyridine)chromium(0) and -molybdenum(0) benzene solvates and the unsolvated tungsten(0) analogue

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R. Usón, J. Forniés, M. Tomás I. Ara and J. M. Casas 1783 Synthesis and molecular structure of trinuclear [*trans*-$Pt(C_6Cl_5)_2\{(\mu\text{-}Cl)AgPPh_3\}_2$]

E. Hey-Hawkins, U. Dettlaff-Weglikowska, D. Thiery and H. G. von Schnering 1789 Neutral penta-coordinate derivatives of bis(*o*-dioxophenylene)-silicon—crystal structure of $Si(O_2C_6H_4)_2(OPPh_3)$ and $Si(O_2C_6H_4)_2\{OP(NC_5H_{10})_3\}\cdot CH_2Cl_2$

H. El Alaoui El Abdallaoui, **P. Rubini,** P. Tekely, D. Bayeul and C. Lecomte 1795 Crystal structure and solid state ^{31}P NMR spectroscopy of triphenylphosphine oxide complex of zinc(II) tetrafluoroborate

O. K. Kireeva, **B. M. Bulychev,** N. R. Streltsova, V. K. Belsky and A. G. Dunin 1801 Complexation of metal salts with macrocyclic polyethers in aprotic organic solvents. Crystal structure of ionic complexes $[Co\cdot 15\text{-crown-}5\cdot 2CH_3CN][CoCl_3\cdot CH_3CN]_2\cdot CH_3CN$, $[Co\cdot 15\text{-crown-}5\cdot 2CH_3CN][CoCl_4]\cdot CH_3CN$ and $[Co\cdot 15\text{-crown-}5\cdot 2CH_3CN][Co_2Cl_6]$

B. M. Bulychev, O. K. Kireeva, V. K. Belsky and N. R. Streltsova 1809 Crystal structures of the heterometallic complex $[Co\cdot 15\text{-crown-}5\cdot(CH_3CN)_2][Cu_2Cl_6]$ and the product of its hydration $[Co\cdot 15\text{-crown-}5\cdot(H_2O)_2][CuCl_4]$

Lu Wenjie, Wang Xingtang, Han Xiaojun and Chen Min	1815	Synthesis and characterization of lanthanide 3-ferrocenyl-5-(2-furyl)-pyrazoline-1-dithiocarbaminate complexes
M. M. Taqui Khan, S. A. Mizra, Z. A. Shaikh, Ch. Sreelatha, P. Paul, R. S. Shukla, D. Srinivas, A. Prakash Rao, S. H. R. Abdi, S. D. Bhatt and G. Ramachandraiah	1821	Dioxygen affinities of some ruthenium(III) Schiff base complexes
B. K. Roy, T. K. Mallick and **B. K. Ghosh**	1829	Mixed-ligand chelates of osmium(II/III) 8-quinolinolates: synthesis, characterization and redox behaviour
		Communication
N. Arulsamy, **P. S. Zacharias** and K. Rajeshwar	1837	Sequential electron transfer in an intermolecularly interacting copper(II)-amino acid system
		Book Reviews
S. Cotton	1839	Gmelin Handbook of Inorganic and Organometallic Chemistry. Mo Organomolybdenum Compounds, Part 7, 8th edn. By H. Schumann; edited by M. Winter
S. Cotton	1839	Understanding Inorganic Chemistry. By J. Barrett
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D. M. L. Goodgame, S. P. W. Hill and D. J. Williams	1841	Crystal structures of $[AgHgL_2(NO_3)]_n$, where LH = 2-oxazolidone and β-propiolactam: formation of helical chains and new 12-membered Ag/Hg metallamacrocyclic rings in the propiolactam complex
J. W. Steed and **D. A. Tocher**	1849	Dinuclear carboxylato-bridged complexes of ruthenium(IV)
S. Mandal, R. Shukla and **P. K. Bharadwaj**	1855	Hexa-coordinated copper(II)-thiolates—II. Synthesis and characterization of a copper(II) complex with a reversible oxidative response
M. Gielen, A. El Khloufi, M. Biesemans, R. Willem and J. Meunier-Piret	1861	(2-Methylthio-3-pyridinecarboxylato)-diethyltin and -di-n-butyltin compounds: synthesis, spectroscopic characterization and *in vitro* antitumour activity. X-ray crystal structure of bis[diethyl(2-methylthio-3-pyridinecarboxylato)tin] oxide and of diethyltin bis(2-methylthio-3-pyridinecarboxylate)
Song-Ping Huang, S. Dhingra and **M. G. Kanatzidis**	1869	Synthesis and properties of the homo- and heteropolychalcogenide $[A(Q_5)_2]^{2-}$ family (A = Te, Q = S, Se; A = Se, Q = Se). Crystal structures of $(Ph_4P)_2[Te(S_5)_2]$ and β-$(Ph_4P)_2[Se(Se_5)_2]$
M. A. Ansari, **J. A. Ibers,** S. C. O'Neal, W. T. Pennington and **J. W. Kolis**	1877	Solution chemistry of arsenic selenides: synthesis spectroscopy and the X-ray structures of $[PPh_4]_2[As_nSe_6]$, n = 2,4
P. Roman, A. Luque, J. I. Beitia and C. Guzman-Miralles	1883	Preparation, chemical characterization and structural studies of 3-aminopyridinium salts of dithiooxalate ligand complexes, $[M(S_2C_2O_2)_2]^{2-}$ ($M = Ni^{II}$, Pd^{II} or Pt^{II})

M. T. S. Amorim, R. Delgado and **J. J. R. Fraústo da Silva**	1891	N,N′-diacetate derivatives of some polyoxa–polyaza macrocyclic compounds: protonation and complexation studies
C. Exley and J. D. Birchall	1901	Hydroxyaluminosilicate formation in solutions of low total aluminium concentration
Wang Shuangxi, Zhu Ying, Zhang Fangjie, Wang Qiuying and **Wang Liufang**	1909	Synthesis, structure and electrochemical behaviour of manganese(II) complexes with 2,6-bis(benzimidazol-2′-yl)pyridine
Xia Xu-Bing, Duan Chun-Ying, Zhu Long-Gen, You Xiao-Zeng, Yang Yao and Wang Hua-Qin	1917	Synthesis and characterization of ferrocene-containing new Schiff base complexes. The X-ray crystal structure of $(C_{10}H_6N_2)C{=}NN{=}CHFc$
M. Leluk, B. Jeżowska-Trzebiatowska and T. Lis	1923	Crystal structure and magnetic properties of di-μ-2,2,2-trifluoroethoxo-tetrakis(pentane-2,4-dionato)diiron(III)
T. B. Rubtsova, O. K. Kireeva, **B. M. Bulychev,** N. P. Streltsova, V. K. Belsky and B. P. Tarasov	1929	Complex formation of metal salts with macrocyclic polyethers in aprotic organic solvents: crystal structures of the molecular complex $[MeCN \cdot Mg \cdot 15C5(\mu_2\text{-}Cl)CuCl_3]$ and the ionic complexes $[(MeCN)_2 \cdot Mg \cdot 15C5][Cu_2Cl_6]$, $\{[(MeCN)_2 \cdot Mg \cdot 15C5][Cu_3Cl_8]\}_n$, $[(H_2O)_2 \cdot Mg \cdot 15C5][CuCl_4] \cdot H_2O$ and $\{[(H_2O)_2 \cdot Cu_3Cl_8][Mg \cdot (H_2O)_6] \cdot [2(15C5)] \cdot H_2O\}_n$
Y. Z. Voloshin, V. K. Belsky and V. V. Trachevskii	1939	Macrobicyclic *d*-metal tris-dioximates obtained by cross-linking with *p*-block elements—VII. Clathrochelate tris-dioximates of cobalt(III) formed by tin tetrachloride
B. Srinivas and **P. S. Zacharias**	1949	Dinuclear copper(II), nickel(II) and mixed valence Cu^{II}–Cu^{I} complexes: influence of donor groups on redox behaviour of dicopper complexes
V. P. Fedin, Yu. V. Mironov, A. V. Virovets, N. V. Podberezskaya and V. Ye. Fedorov	1959	Interaction of chromium and tungsten carbonyls with diethyldithiocarbamate complexes of selenium(II) and tellurium(II). Synthesis and molecular and crystal structures of $WSe_2(S_2CNEt_2)_3 \cdot 0.5H_2O$ and $[W(S_2CNEt_2)_4]_2W_6O_{19}$
M. Hernandez-Padilla, S. Dominguez, P. Gili, **A. Mederos** and C. Ruiz-Perez	1965	Synthesis and structure of tetra-aqua-4-chloro-1,2-phenylenediamine-N,N,N′,N′-tetra-acetato-O^1,O^2,O^3,O^4,N,N′-cobalt(II) disodium; $Na_2[Co(4\text{-}Cl\text{-}o\text{-}PDTA)] \cdot 4H_2O$
P. Bontchev, H. Kadum, G. Gochev, B. Evtimova, J. Macicek and C. Nachev	1973	Synthesis, structural, spectral and EPR studies on the copper(II) complex of 5-(aminosulphonyl)-4-chloro-2-[(2-furanylmethyl)-amino]benzoic acid (Furosemide)
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	iv	Deposition of crystallographic data
S. Yamazaki	1983	C—H activation of phenylacetylene by the cyclometallated platinum(II) complex of 1,1,2,2-tetraacetylethane: preparation of the bis(σ-phenylacetylide)platinum(II) complex

D. A. Knight, **D. J. Cole-Hamilton,** D. C. Cupertino, M. Harman and M. B. Hursthouse	1987	Camphor-derived β-ketophosphine complexes of rhodium(III) and iridium(III); X-ray crystal structure of *cis,mer*-trichlorobis-[(1*R*)-*endo*-(+)-3-diphenylphosphinocamphor]rhodium(III) chloroform(1/2)
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